

1. المعلومات الشخصية

Prof. Dr. Talal Anwer Abdulkareem
Livestock Reproductive Physiology
Department of Animal Production
College of Agriculture
University of Baghdad
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2. المؤهلات العلمية

	year	Country	University	Degree
	1990	Iraq	University of Baghdad	B.Sc. in Animal Science
Iraq			University of Baghdad	M.Sc. in Animal Science, Reproductive Physiology 1995
			University of Baghdad	PhD in Animal Reproductive Physiology and Biotechnology 2008 Iraq

3. التدرج الوظيفي

Year	University	Degree
1996	University of Bagdad, Iraq	Assistant lecturer
2001	University of Baghdad	Lecturer
2008	University of Bagdad	Assistant Professor
2015	University of Bagdad	Professor

4. التدريس الجامعي

Undergraduate studying	-
Animal Physiology	-
Reproductive Physiology	-
Buffalo Production	-
Graduation Research Seminar	-

Graduate studying

Research Methodology	-
Advance Animal Physiology	-
Environmental Physiology	-

5. المناصب التي شغلها

6. المقررات الدراسية التي قام بتدريسها

Undergraduate studying	-
Animal Physiology	-
Reproductive Physiology	-
Buffalo Production	-
Graduation Research Seminar	-

Graduate studying

Research Methodology	-
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- Advance Animal Physiology -
 Environmental Physiology -
 عضوية المجالات العملية المحلية والدولية .7
 Journal Editorial Board Membership
 .Theriogenology Insight .1
 .Asian-Pacific Journal of Reproduction .2
 .Hormonal Studies .3
 .Erudite Journal of Biotechnology .4
 .International Journal of Advanced Agricultural Research .5
 .Lead Faculty (Physiology) in WebMed Central .6
 .American Journal of Life Sciences, Science Publishing Group, USA .7
 .American Journal of Agriculture and Forestry, Science Publishing Group, USA .8
 .Animal and Veterinary Science, Science Publishing group, USA .9
 .International Journal of Applied Agricultural Sciences, Science Publishing Group, USA .10
 المشاريع البحثية في مجال التخصص لخدمة البيئة والمجتمع او تطوير التعليم .8
 Development of management tools for AI Department, Ministry of Agriculture during -
 .(heat stress period (1999-until now
 Scientific consultant for the embryo transfer project in Iraq since 2011 resulted in born of -
 38 male and female Holstein-Friesian calves. Resulted of pure Holstein-Friesian mature bulls
 used for semen collection and cryopreservation (14,000 frozen straws produced until now) as
 .well as F1 generation were also achieved
 Adding different types of antioxidant (Synthetic and natural) to semen extenders and its -
 influence to enhance post-cryopreservative semen characteristics of Holstein bulls of AI
 .Department, Ministry of Agriculture
 Effect of Kisspeptin injection in activating the reproductive performance of Cyprus goat -
 bucks and does during out-breeding season. This scheme performed in Ruminant
 .Research Station, Ministry of Agriculture
 Early pregnancy detection of Iraqi buffalo using BioPRYN technology of pregnancy- -
 specific protein B (PSPB). Tis project was performed in Iraqi buffalo owners in different Iraqi
 .governorates
 المؤتمرات والندوات العلمية التي شارك بها .9
 :Regional and international scientific meetings attended -6

Title

Organizations

Location

Year

Regional Symposium of Integrated Crop – Livestock System in the dry area of West Asia and
 ICARDA North Africa
 Jordan
 1997

Ministry of Agriculture symposium (A prospect of Artificial Insemination In Dairy Cattle)
1998 Iraq IPA Agricultural Research Center
Second Scientific Conference of the College of Sciences
Iraq University of Baghdad
1999

Ministry of Second Scientific Conference of Agricultural Research (Animal Production)
1999 Iraq Agriculture
Ministry of th Scientific Conference of Agricultural Research (Animal Production)5
2003 Iraq Agriculture
2007 Jordan University of Jordan Symposium of Advanced Technologies in Reproduction

"Symposium "Buffalo breeding in Iraq, problems and suggested solutions
Iraqi Society of Animal Production
Iraq Ministry of Agriculture
2008

Iraqi Society of Animal Symposium "Methods of Improving Buffalo Production in Iraq"
Production
Iraq Council of Baghdad Province
2009

Iraq USAID – Inma Conference " Livestock Feedlots: More Meat, More Income"
2009

Iraq University of Qadissiyia Symposium (Iraqi buffalo: prospective and perspective)
2010

1st Iraqi Buffalo Conference
Iraq Ministry of Agriculture
2010

2nd Iraqi Buffalo Conference
Iraq Ministry of Agriculture
2011

Iraqi Society Symposium (Effect of heat stress on production and reproduction of dairy cattle)
of Animal Production
Iraq
2012

Suleiman International Animal Science Congress of Turkish and Relative Communities.
Isparta Demirel University
2012 Turkey

2012 Iraq Ministry of Agriculture rd Iraqi Buffalo Conference3
Department of Animal Resources, Recent Advances in Dairy Cattle Nutrition (Symposium)
2013 Iraq University of Baghdad
Camel Breeding in Iraq

2013 Iraq Iraqi Society of Animal Production Symposium))
Ministry of Agriculture Wealth of Plant Resources in Iraqi Desert (Symposium)

2013 Iraq In Cooperation with Baghdad University
Dairy Cattle Breeding in Iraq

2013 Iraq University of Diyala Symposium))

University of 1st Scientific Conference for Animal Production Sciences and Technology1
 2013 Iraq Baghdad
 Ministry of Agriculture 4th Iraqi Buffalo Conference
 Ministry of Agriculture Golden Jubilee anniversary for Artificial Insemination in Iraq
 2014 Iraq
 University of How to select cows for artificial insemination purpose? (Workshop)
 Baghdad and
 2014 Iraq Ministry of Agriculture
 5th Iraqi Buffalo Conference
 2015 Iraq Ministry of Agriculture
 Ministry of Agriculture The Camel is the best future investment in Iraq (Symposium)
 2015 Iraq
 Ministry of Agriculture, College of Science for Women The Medicinal Plant Worth in Iraq
 2016 Iraq and College of Agriculture

10. الانشطة العلمية الاخرى
- International and local Journals Reviewer
 - .Reproduction in Domestic Animals -1
 - .Small Ruminant Research -2
 - .African Journal of Biotechnology -3
 - .International Journal of Public Health -4
 - .American Journal of Biomedical and Life Science -5
 - Hematology and Leukemia -6
 - Open Journal of Obstetric and Gynecology -7
 - .Journal of Buffalo Science -8
 - .Research Opinions in Animal and Veterinary Sciences -9
 - Journal of Gynecology and Obstetrics -10
 - American Journal of Agriculture and Forestry, Science Publishing group, USA -11
 - .Animal and Veterinary Science, Science Publishing group, USA -11
 - .American Journal of Agriculture and Forestry, Science Publishing group, USA -12
 - .Iraqi Journal of Agricultural Science -13
 - .Al-Anbar Journal of Agriculture Science -14
 - .Al-Anbar Journal of Veterinary Science -15
 - .Diyala Journal of Agriculture Science -16
 - .Tekrit Journal of Agriculture Science -17
 - 11. عضوية الهيئات العلمية المحلية او الدولية
 - :Scientific societies membership
 - (Secretary General of Iraqi Society of Animal Production (ISAP
 - (Founder of Iraqi Red Meat Association (IRMA
 - .Lead Faculty (Physiology) in Webmed Central organization, UK
 - Member in International Association of Computer Science and Information Technology
 - .(IACSIT), Singapore
 - .Member in Reproductive Biology and Genetics Society (RBGS), Singapore
 - .Member in International Veterinary and Information Services (IVIS), USA
- 12
- 1. Early pregnancy detection of Iraqi buffalo using PSPB and progesterone” by LAP -1
 - .Lambert Academic Publishing, Germany, (English Language) 2012
 - 2. The march of the artificial insemination in Iraq (1955-2014), (Arabic and English -2
 - .Languages), Ministry of Agriculture Publisher, 2014

Publications

- Abdulkareem, T.A. 1995. Effect of vitamin A on spermatogenesis in lambs and semen quality and libido of Awassi rams. M.Sc. Thesis, College of Agriculture, University of Baghdad -1
- Al-Haboby, A.H., Abdulkareem, T.A., Khatab, G.K. 1997. Effect of vitamin A on the reproductive performance of Awassi sheep. Regional Symposium of Integrated Crop – Livestock System in the dry area of West Asia and North Africa , 6-8 Nov., Amman – Jordan , pp. 300 -2
- Al-Haboby, A.H., Abdulkareem, T.A., Alkass, J.E. 1997. Effect of vitamin A on testicular growth and spermatogenesis of Awassi ram lambs. *Dirasat, Agricultural Science*, 24 (1): 16-26 -3
- Al-Hassani, D.H., Al-Khafaji, S.K.H. , Abdulkareem, T.A. 1997. Effect of intermittent compared with continuous light on testicular growth and history of broiler chickens reared under high temperature. *Indian J. Anim. Sci.* 67 (10): 894-896 -4
- Al-Haboby, A.H., Abdulkareem, T.A. , Ibrahim, F.F. 1997. Semen quality and freezability of Holstein bulls as influenced by short term administration of prostaglandin F₂ analogue. *Mesopotamia J. Agric.* 29: 4-15 -5
- Al-Haboby, A.H., Abdulkareem, T.A. , Alkass, J.E. 1997. Plasma testosterone and semen quality of Awassi rams as influenced by long term vitamin A shortage , *Dirasat , Agricultural Science* , 24 (2) : 193-203 -6
- Al-Haboby, A.H., Al-Haboby, A.H. Jr., Hamra, A.H. , Abdulkareem, T.A. 1998. Pubertal microstructural changes of the tests and the epididymis of the one-humped camel in Iraq (Camelus dromedarius). *Iraqi J. Biol. Sci.*, 17: 30-49 -7
- Al-Haboby, A.H., Salman, A.D. , Abdulkareem, T.A. 1999. Influence of protein supplementation on reproductive traits of Awassi sheep grazing cereal stubble. *Small Ruminant Research*, 34: 33-40 -8
- Alkass, J.E., Abdulkareem, T.A. , Al-Anbari, N.N. 1999. The combined effect of PMSG and vitamin A administration on some reproductive performance of Awassi ewes. *Iraqi J. Agric. (Special Issue)*, 4 (6): 128-135. *Proc. 2nd. Sci. Conf., (Animal Production)*. 2-3 Nov. Baghdad, Iraq -9
- Al-Khazraji, A.A., Abu-Tabeikh, S.M., Abdulkareem, T.A. , Mahdi, U.A. 2000. Reproductive performance responses of Awassi ewes following different levels of PMSG administration. *Iraqi J. Agric. Sci.*, 31 (3): 681-688 -10
- Al-Timimi, M.T., Mustafa, S.R.; Abdulkareem, T.A. and Balsem, A.N. 2001. Hematological changes associated with acute exposure to copper in *Cyprinus carpio* fish. *Iraqi J. Agric. Sci.* 32 (3): 155-158 -11

- Ishak, M.A., Al-Haboby, A.H. , Abdulkareem, T.A. 2001. Morphometry of the ovary and uterus after progesterone treatment. *Mesopotamia J. Agric.*, 33 (1): 1-12 -12
- Ishak, M.A., Al-Haboby, A.H. , Abdulkareem, T.A. 2001. Effect of post-mating progestagen supplementation on the concentration of uterine and embryonic fluid proteins. *Iraqi J. Agric. Sci.*, 33 (3): 249-256 -13
- Abdulkareem, T.A. 2001. Reproductive performance of Awassi ewe lambs following treatment with equine chorionic gonadotropin. *Iraqi J. Agric. Sci.* 33 (2): 263-266 -14
- Abdulkareem, T.A., Eidan, S.M., Hamra, A.H. , Al-Haboby, A.H. 2003. Effect of post – mating gonadotropin injection on serum proteins in Iraqi goats. *Iraqi J. Agric. (Special Issue)*, 8 (6): 88-94. Proc. 5th Sci. Conf., Animal Production, 22-24 Feb., Baghdad, Iraq -15
- Al-Haboby, A.H., Abdulkareem, T.A., Eidan, S.M. 2004. Morphometric observation on the epididymis of Awassi ram lambs Associated with vitamin A supplementation. *J. Sc. Tech.*, 5 (1): 145-161 -16
- Alkass, J.E., Abdulkareem, T.A. , Eidan, S.M. 2004. Reproductive performance of Iraqi Awassi ewes in response to treatment with equine chorionic gonadotropin. *J. Agric. Invest.* , 2: 74 – 77 -17
- Abdulkareem, T.A., Al-Haboby, A.H., Eidan, S.M. , Hobi, A.A. 2005. Sperm abnormalities associated with vitamin A deficiency in rams. *Small Rumin. Res.*, 57: 67 – 71 -18
- Ishak, M.A., Abdulkareem, T.A. and Al-Fahdawi, F.A.M., Alwan, M.T. 2005. The effect of breeding group and vitamin C in some semen characteristics of bucks .*Iraqi J. Agric. Sci.*, 36 ((4) -19
- Abdulkareem, T.A. 2005. Seminal proteins of Holstein – Friesian bulls associated with vitamin C supplementation. *Iraqi J. Agric. Sci.*, 36 (4): 185 - 189 -20
- Al-Ani, A.A., Ishak, M.A.; Al-Rawi, A.A. and Abdulkareem, T.A. 2008. Effect of genetic value on semen quality and sexual activity of Holstein – Friesian bulls. *Jordanian J ..Agric. Sci*, 4 (1): 115 – 124 -21
- Abdulkareem, T.A., Al-Sharifi, S.A.M. , Eidan, S.M. 2009. Improving some of the reproductive and productive performance of Iraqi buffaloes using improved nutritional regimen. 6th Asian Buffalo Congress, Lahore, Pakistan, 27-30 October, 2009 -22
- Abdulkareem, T.A.; Al-Sharifi, S.A.M.; Ishak, M.A.; Eidan, S.M.; Alnimr, M.A.; Passavant, C.W.; Branen, J.R. And Sasser, R.G 2011. Early pregnancy diagnosis of Iraqi riverine buffaloes using BioPRYN enzyme-linked immunosorbent assay for PSPB and progesterone assay. *Reprod. Dom. Anim.*, 46: 455 – 462 -23
- Abdulkareem, T.A., Al-Sharifi, S.A.M., Eidan, S.M. and Al-Amily, H.J. 2011. Testicular measurements and sexual activity of Awassi rams and their crosses with D'man sheep. *Dirasat. Agricultural Sciences*, 38 (1): 23 – 27 -24
- Abdulkareem, T.A., Eidan, S.M., Mahmoud, F.A. and Al-Anbari, N.N. 2012. Influence of propolis extract treatment on some blood mineral levels of Turkish Awassi lambs. *Diyala .Agricultural Science Journal*, 4: 9-16 -25

- Abdulkareem, T.A., Al-Sharifi, S.A.M., Eidan, S.M. and Sasser, R.G. 2012. Productive and reproductive performance of Iraqi buffalo as influenced of pre-mating and pre-calving concentrate supplementation. *Pakistan Vet. J.* 32:345-348 -26
- Abdulkareem, T.A.; Eidan, S.M.; Ishak, M.A.; Al-Sharifi, S.A.M.; Alnimer, M.A.; Passavant, C.W.; Branen, J.R., Sasser, R.G 2012. Pregnancy- specific protein B (PSPB), progesterone and some biochemical attributes concentrations in the fetal fluids and serum and its relationship with fetal and placental characteristics of Iraqi riverine buffalo (*Bubalus bubalis*) .*Anim. Reprod. Sci.*, 130: 33- 41 -27
- Al-Ani, A.A., Abdulkareem, T.A., Khalaf, S.S., Ibrahim, F.F., Rajab, B.A., Mustafa, A.K. 2012. Influence of month on some sexual behavior and semen characteristics of Holstein – Friesian bulls. *Al-Anbar, J. Vet. Sci.*, 5: 265-274 -28
- Abdulkareem, T.A., Eidan, S.M., Shareef, M.A., Jabor, M.M. 2012.Effect of different dietary protein levels on productive performance and some blood characteristics of Iraqi buffaloes (*Bubalus bubalis*).*International Animal Science Congress of Turkish and Relative Communities, Isparta, 11-13 September.* pp. 240-251 -29
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- Abdulkareem, T.A., Eidan, S.M., Al-Maliki, L.A., Al-Saidy, F.K., Khudair, A.K. 2012. Effect of Concentrate diet on milk production in Iraqi buffaloes: Extension trial. 3rd Annual Iraqi buffalo Congress, 20 Dec. pp.13-23 -31
- Alkass, J.E., Pedawy, A.J., Abdulkareem, T.A. 2013. Effect of different dietary protein levels and age on testicular development and ultrastructures in Karadi ram lambs. *International Journal of Agricultural and Food Research (Canada)*,2 (4): 14-24 -32
- Abdulkareem, T.A. 2013. Some hematological and blood biochemical profile of Iraqi riverine buffaloes (*Bubalus bubalis*) during different gestation period. *J. Buffalo Sci. (India)*, 2: 78-84 -33
- Abdulkareem, T.A. 2013. Some hematological and blood biochemical attributes of Iraqi riverine buffaloes (*Bubalus bubalis*)around calving and post-partum period. *Al-Anbar J. Vet. Sci.*, 6 (1):143-150 -34
- Abdulkareem, T.A., Eidan, S.M., Al-Maliki, L.A., Al-Saidy, F.K., Mahdi, M.R. 2014. Reproductive performance of Iraqi Awassi ewes owned by producers and extension farms in response to flushing and estrous synchronization regimes. *The Iraqi J. Agric. Sci.*, 45 (3): 328-334 -35
- Mohammed, O.A., Shubber, M.H., Abdulkareem, T.A., Ibrahim, F.F. 2014. Effect of adding glutamine and methionine to semen extenders on post-cryopreservation semen quality of Holstein bulls. *The Iraqi J. Agric. Sci.*, 45(3): 252-262 -36
- Abdulkareem, T.A. 2014. Influence of thawing period on some post-thaw semen characteristics of Holstein bulls following catalase addition to Tris extender. *Al-Anbar J. Vet. Sci.*,7:22-28 -37

- Abdulkareem, T.A., Abdulrahman, Y.T., Al-Rawi, H.M.A. 2015. Plasma profile of progesterone, estradiol-17 and some blood biochemical attributes during different gestation periods in Iraqi female dromedary camels (*Camelus dromedarius*). Emir. J. Food Agric., 27: 643-649 -38
- Eidan, S.M., Abdulkareem, T.A. Al-Maliki, L. A., Al-Saidy, F.K., Al-Hassani, N.K.H. and Madhi, R.M. 2015. Effect of whole cottonseed on milk production of Iraqi buffaloes: Extension trial. 5th Scientific Conference for Developing Iraqi Buffalo, April, 23rd , Baghdad, Iraq -39
- Eidan, S.M., Abdulkareem, T. A. and Sultan, O. A. 2015. Influence of adding manganese to Tris extender and post-cryopreservation semen attributes of Holstein bulls. International Journal of Applied Agricultural Sciences, Science Publishing Group (USA) 1: 26-30 -40
- Abdulkareem, T. A., Eidan, S. M., Al-Saidi, F. K., Al-Hassani, N. K. and Jabbar, K. S. 2015. Effect of feed blocks on improving milk yield and lambs weight of Iraqi Awassi sheep and increasing milk and meat produced for consumers: Extension trial. Journal of Market Researches and Consumer Protection, 7(2): 291-308 -41
- Abdulkareem, T. A., Mohamed, O. A., Shubber, A. M. H. and Ibrahim, F. F. 2016. Effect of adding carnitine and inositol to Tris extender on post-cryopreservative semen quality of Holstein bulls. Al-Anbar Vet. J., 9(1): 8-18 -42
- الإطاريج او الرسائل التي اشرف عليها
Supervision on graduate students
:M.Sc. Students -14
- Effect of Kisspeptin in comparison with eCG protocol on some blood profile and reproductive performance of Karadi ewes (S. J. Muhammad; University of Sulaimani, 2016 -
- The synergistic effect of some antioxidants added to Tris extender on post-cryopreservative semen quality of Holstein bulls (M. N. Al-Rawi; University of Mosul, 2017 -
:PhD Students
- Isolation and purification of pregnancy-specific protein B (PSPB) from one-humped female camel (*Camelus dromedarius*) for early pregnancy detection (Y. T. Abdul-Rahaman; (2014, University of Baghdad -
- Effect of Kisspeptin in activating the reproductive performance of Cyprus goat bucks and does during out-breeding season (M. H. M Al-Ameri; 2015, University of Baghdad -
- Effect of adding Melissa officinalis water extract and some antioxidants to Tris and milk-based extenders on post-cryopreservative semen characteristics of Holstein bulls (O. H. A. Al-Zaidy, 2015 (continued), University of Baghdad -
- .Mr. Ali J. Jaffar is under comprehensive exam and preparing the PhD work -

اللغات التي يتقنها -15

:Languages

- (Excellent. (native -Arabic •
- .Very good - English •

